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foreign agriculture circular

U. S. Department of Agriculture
Foreign Agricultural Service
Economics, Statistics and
Cooperatives Service

World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-8-80

August 11, 1980

SHARPLY REDUCED PROSPECTS FOR U.S. GRAINS AND OILSEEDS LOWER WORLD OUTPUT

Region	1978/79	1979/80 est.	1980/81 proj. 1/ July	1980/81 proj. 1/ Aug.
Total grains (Million metric tons) 2/				
World	1,580.2	1,520.6	1,581	1,558
United States	273.0	299.0	288	267
Rest of world	1,307.2	1,221.6	1,293	1,291
Oilseeds (Million metric tons)				
World	155.9	177.6	172	166.8
United States	58.4	72.3	65	59.6
Rest of world	97.5	105.3	107	107.2
Cotton (Million bales)				
World	60.1	65.5	64.1-66.6	64.9
United States	10.9	14.6	12.2-14.7	12.8
Rest of world	49.2	50.8	51.9	52.1

1/ Projections, including U.S. rice, oilseeds, and cotton, are based on surveys, trends and judgement of USDA analysts.

2/ Includes rice on a rough basis.

- * Total world grain production for 1980/81 is forecast at 1,558 million tons, 1 percent below last month, but 2 percent above 1979/80's. Sharply reduced prospects in the United States and smaller expected outturns for the Soviet Union and Eastern Europe are the major reasons for the decline from last month.
- * World 1980/81 wheat production is forecast at 443 million tons, down slightly from last month, but 6 percent above the 1979/80 level. In the past month, crop prospects have deteriorated in the Soviet Union and Eastern Europe but have improved slightly in Western Europe, Turkey, Australia, and parts of Canada.
- * World 1980/81 coarse grain production is forecast at 721 million tons, down 3 percent from last month and 1 percent below 1979/80. Deteriorating U.S. crop prospects over the past month accounts for most of the month-to-month decline although downward revisions also have been made for the Soviet Union and Eastern Europe. Favorable weather has boosted the estimates for Western Europe and Canada.

WORLD CROP PROJECTIONS

Projections of 1980/81 world crop production are still highly tentative. The projections include Northern Hemisphere winter grain crops now being harvested and spring crops such as corn, soybeans, and cotton that are mostly in the developing stage; plus Southern Hemisphere winter grain crops that are being planted and spring crops that will be planted this fall. Thus, both climatic and market developments over the next several months will influence production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, plus analysts' judgements. The projected ranges in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 13 through 15.

Forecasts of 1980 U.S. acreage, yield, and production for crops, except sunflowers, are from the U.S. Crop Production report released today by the Crop Reporting Board of ESCS.

The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country regional specialists, and the staff of the NOAA/USDA Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economics, Statistics and Cooperatives Service (ESCS), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors include:

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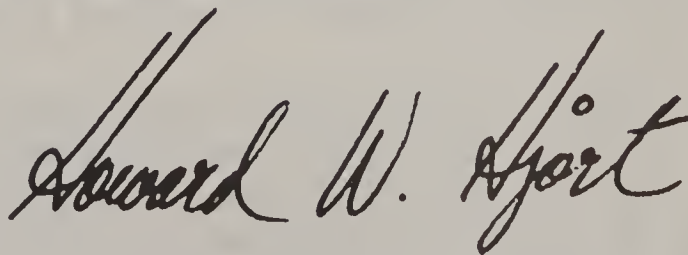
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- * The 1980/81 world rice production forecast of 394 million tons is virtually unchanged from last month. Indonesia's estimate has been raised slightly because of improved crop conditions.
- * World cotton production in 1980/81 is projected to total 64.9 million bales, slightly below last season's record crop. Although sharply lower expected yields point to a 12 percent decline in U.S. production to 12.8 million bales, output abroad may increase to 52.1 million. This is over a million bales above the 1979/80 foreign crop and 0.2 million above month-earlier indications. Stronger prospects over the past month in the Soviet Union and Pakistan more than offset slight reductions in Turkey and the Sudan.
- * World oilseed production is estimated at 167 million metric tons for 1980/81, down 5 million tons from the July estimate and 11 million tons below 1979/80. The major downward revision in world output is in the United States with only minor changes for other countries.
- * U.S. production of all oilseeds in 1980/81 is estimated at 59.6 million metric tons based on August 1 crop conditions. A decline in U.S. soybean output accounted for about 4.3 million tons of the downward revision in the United States or nearly 35 percent of the change since July. Hot, dry weather in a number of key growing States in July, particularly in the South Central States, Missouri and Kansas has sharply reduced soybean yield prospects since early July.
- * Yields for other U.S. oilseed crops, including peanuts, cottonseed, and sunflowers are also below July-1 indications because of the hot, dry weather. Soil moisture in most of the key growing areas was well below normal on August 1. Consequently, at least normal rainfall will be required for the remainder of the growing season to avoid further deterioration in crop yields.

WEATHER HIGHLIGHTS THROUGH AUGUST 11, 1980

UNITED STATES--Crop conditions deteriorated as the prolonged heat wave expanded into the Central Plains and Corn Belt States and spread to the southeastern United States in July. Temperatures moderated somewhat by the month's end with periodic shower activity in the northern Great Plains and Corn Belt States. Dry weather persisted through much of Texas eastward to the Atlantic coast worsening conditions for crops affected by short soil moisture supplies and high temperatures.

CANADA--Periodic shower activity in the Canadian Prairies helped late-seeded crops as they entered the grain-filling stages. Soil moisture reserves are still below normal for much of central and southern Saskatchewan and Manitoba.

CHINA--Much-above-normal rainfall in the Yangtze Valley during July and early August probably caused some localized damage to spring-planted row crops. Cotton should be setting bolls in this important growing area. Dry weather in northern portions of the North China Plain during July increased irrigation needs.

EUROPE--Cold, wet weather persisted for much of July in northern and eastern countries. Late in the month, clearer weather averted winter-grain losses in the west, but row-crop yield potentials had already declined somewhat. Conditions to the east improved somewhat in early August, but remained too wet for most crops.

USSR--Favorable weather prevailed in southeastern portions of the winter-grain belt during July as harvesting began. Cool, wet conditions in the western and northern European USSR further delayed development of all crops. Dryness may have caused some yield losses for spring grains in the southern Urals, the lower Volga Valley, and the southwestern New Lands, but favorable weather persisted into August in important growing areas to the northern and eastern portions of this area.

World crop production summary 1/

Commodity	Major regions and countries										
	North America			Europe		USSR		Asia		Near East and Other Asia	
	United States			Western Europe		Eastern Europe		Planned Asia		South Asia	
	Canada	States		Europe	Europe	USSR	PRC	India	Pakistan	Indonesia	Thailand
	---Million metric tons---										
:Wheat											
1: 1978/79	21.1	48.9	58.5	35.8	120.8	54.0	31.7	8.4	---	---	---
2: 1979/80	17.7	58.3	55.5	27.7	90.1	60.5	35.0	9.9	---	---	---
: 1980/81											
3: July proj.	14.5	63.1	59.2	35.7	106.0	57.5	31.0	10.8	---	---	---
4: Aug. proj.	15.0	63.3	60.3	35.0	103.0	56.5	31.0	10.8	---	---	---
:Coarse grains											
5: 1978/79	20.3	218.1	94.0	60.4	105.3	76.5	30.6	---	---	---	3.3
6: 1979/80	18.6	234.5	90.6	63.5	80.0	77.5	27.1	---	---	---	3.5
: 1980/81											
7: July proj.	18.6	218.2	91.3	62.9	98.0	80.0	30.2	---	---	---	3.6
8: Aug. proj.	18.9	197.1	93.1	61.6	96.0	80.0	30.2	---	---	---	3.6
:Rice(rough)											
9: 1978/79	---	6.0	1.6	---	2.1	137.0	80.8	4.9	25.8	17.5	---
10: 1979/80	---	6.2	1.7	---	2.4	140.5	65.3	4.8	26.3	15.5	---
: 1980/81											
11: July proj.	---	6.4-7.1	1.7	---	2.4	144.0	78.8	5.0	26.8	16.5	---
12: Aug. proj.	---	6.6	1.6	---	2.4	144.0	78.8	5.0	27.2	16.5	---
:Total grains 2/											
13: 1978/79	41.4	273.0	154.2	96.2	228.2	267.5	143.1	13.3	25.8	20.8	---
14: 1979/80	36.3	299.0	147.8	91.2	172.5	278.5	127.4	14.7	26.3	19.0	---
: 1980/81											
15: July proj.	33.1	288.0	152.2	98.6	206.4	281.5	140.0	15.8	26.8	20.1	---
16: Aug. proj.	33.9	267.0	155.0	96.6	201.4	280.5	140.0	15.8	27.2	20.1	---
:Oilseeds 3/											
17: 1978/79	4.1	58.4	2.6	3.8	10.8	17.2	11.2	1.2	---	---	---
18: 1979/80	4.5	72.3	2.6	3.7	11.2	18.3	10.4	1.7	---	---	---
: 1980/81											
19: July proj.	2.6	64.7	3.2	4.2	11.4	19.4	10.9	1.5	---	---	---
20: Aug. proj.	2.8	59.6	3.2	4.1	11.3	19.4	10.9	1.6	---	---	---
:Cotton											
	---Million 480-pound bales---										
21: 1978/79	---	10.9	---	---	12.3	10.0	6.3	2.1	---	---	---
22: 1979/80	---	14.6	---	---	13.1	10.1	6.1	3.4	---	---	---
: 1980/81											
23: July proj.	---	12.2-14.7	---	---	13.1	10.7	6.2	2.9	---	---	---
24: Aug. proj.	---	12.8	---	---	13.3	10.7	6.2	3.1	---	---	---

1/ 1979/80 estimates are preliminary. The 1980/81 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States. 2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 210 million tons in special circular FG-22-80 (8-11-80) includes around 11 million tons of rice, minor grains, and pulses.

World crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	: Total for	:	:	: World	:	:
: and	: and	: Oceania	: major	: Other	:	: less	:	:	:
: Africa	: Caribbean	:	: regions	: coun-	:	: United	:	: World	:
:South	:Argen-	:	: and	: tries	:	: States	:	:	:
:Africa	:Turkey	: tina	: Brazil	:Australia:	: countries:	:	:	:	:
---Million metric tons---									
1.7	13.3	8.1	2.7	18.1	423.2	24.6	398.8	447.8	: 1
2.2	12.7	7.8	2.9	16.0	396.4	22.9	361.1	419.4	: 2
2.0	13.3	8.4	3.0	14.5	419.0	25.3	381.2	444.3	: 3
2.0	13.8	8.4	2.8	15.5	417.4	25.8	379.9	443.2	: 4
8.8	7.3	17.2	16.6	7.1	665.6	82.4	529.9	748.0	: 5
11.3	7.0	10.9	20.1	6.1	650.8	77.1	493.4	727.9	: 6
10.2	7.1	17.1	19.5	6.4	663.1	79.8	524.7	742.9	: 7
10.2	7.1	17.1	19.5	6.6	640.9	80.0	523.8	720.9	: 8
---	---	.3	7.6	.7	284.3	100.1	378.4	384.4	: 9
---	---	.3	9.7	.7	273.4	99.9	367.1	373.3	: 10
---	---	.3	9.6	.7	292.5	101.2	386.9	393.7	: 11
---	---	.3	9.6	.7	292.8	101.1	387.3	393.9	: 12
10.5	20.6	25.6	26.9	25.9	1373.1	207.1	1307.2	1580.2	: 13
13.5	19.7	19.0	32.7	22.8	1320.6	200.0	1221.6	1520.6	: 14
12.2	20.4	25.8	32.1	21.6	1374.6	206.3	1292.8	1580.9	: 15
12.2	20.9	25.8	31.9	22.8	1351.1	206.9	1291.0	1558.0	: 16
---	---	6.1	11.6	---	127.1	16.5	97.5	155.9	: 17
---	---	5.5	16.7	---	146.8	17.5	105.3	177.6	: 18
---	---	6.5	16.7	---	141.1	18.0	107.5	172.2	: 19
---	---	6.5	16.7	---	136.0	17.8	107.2	166.8	: 20
---Million 480-pound bales---									
---	2.2	.8	2.7	---	47.1	13.0	49.2	60.1	: 21
---	2.2	.8	2.6	---	53.0	12.5	50.8	65.5	: 22
---	2.2	.9	2.8	---	51.1-53.6	13.0	51.9	64.1-66.6	: 23
---	2.1	.9	2.8	---	52.0	12.9	52.1	64.9	: 24

3 Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesameseed, safflowerseed, flaxseed, castorbeans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production				
	: 1978/79	: 1979/80 : proj.	: 1978/79	: 1979/80 : proj.	: 1978/79	: 1979/80 : July : Aug.			
	---Million hectares---		Metric tons per hectare		-----Million metric tons-----				
North America									
Canada	: 10.6	10.5	10.2	2.00	1.47	21.1	17.7	14.5	15.0
United States	: 23.0	25.3	29.0	2.12	2.18	48.9	58.3	63.1	63.3
Western Europe	: 15.9	15.5	16.1	3.69	3.73	58.5	55.5	59.2	60.3
Eastern Europe	: 10.2	9.2	10.0	3.50	3.50	35.8	27.7	35.7	35.0
USSR	: 62.9	57.7	60.5	1.92	1.70	120.8	90.1	106.0	103.0
Centrally Planned Asia									
PRC	: 27.6	28.2	27.6	1.96	2.05	54.0	60.5	57.5	56.5
South Asia									
India	: 21.5	22.2	21.5	1.48	1.44	31.7	35.0	31.0	31.0
Pakistan	: 6.4	6.6	6.9	1.31	1.57	8.4	9.9	10.8	10.8
Middle East and Africa									
South Africa	: 1.8	1.9	1.9	.94	1.04	1.7	2.2	2.0	2.0
Turkey	: 8.6	8.6	8.6	1.55	1.60	13.3	12.7	13.3	13.8
Latin America & Caribbean									
Argentina	: 4.7	4.6	4.8	1.73	1.73	8.1	7.8	8.4	8.4
Brazil	: 2.8	3.8	3.0	.96	.95	2.7	2.9	3.0	2.8
Oceania									
Australia	: 10.2	11.8	11.5	1.78	1.35	18.1	16.0	14.5	15.5
Total above	: 206.1	206.0	211.7	2.05	1.97	423.2	396.4	419.0	417.4
Other countries & regions	: 20.4	20.3	21.2	1.20	1.22	24.6	22.9	25.3	25.8
World	: 226.5	226.3	232.9	1.98	1.90	447.8	419.4	444.3	443.2
World less United States	: 203.5	201.0	203.9	1.96	1.86	398.8	361.1	381.2	379.9
Major foreign ex- porters 2/	: 25.5	26.8	26.5	1.86	2.47	47.3	41.6	37.4	38.9

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, and Argentina.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production		
	:	:	:	:	:	:	:	:	:
	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81 proj.
	-----	-----	-----	Metric tons per hectare			-----Million metric tons-----		
	7.8	7.1	7.9	2.60	2.63	2.39	20.3	18.6	18.6
North America									
Canada	42.7	41.4	40.8	5.11	5.67	4.83	218.1	234.5	218.2
United States	25.4	25.3	24.8	3.70	3.59	3.75	94.0	90.6	91.3
Western Europe	19.2	19.9	19.5	3.15	3.19	3.16	60.4	63.5	62.9
Eastern Europe	58.0	61.2	60.0	1.82	1.31	1.60	105.3	80.0	98.0
USSR									
Centrally Planned Asia									
PRC	38.5	38.7	38.7	1.99	2.00	2.07	76.5	77.5	80.0
South Asia									
India	42.3	41.3	41.9	.72	.66	.72	30.6	27.1	30.2
Near East and Other Asia									
Thailand	1.7	1.7	1.8	1.91	2.03	2.01	3.3	3.5	3.6
Middle East and Africa									
South Africa	5.3	5.4	5.5	1.66	2.08	1.85	8.8	11.3	10.2
Turkey	4.1	3.9	3.9	1.79	1.79	1.82	7.3	7.0	7.1
Latin America & Caribbean									
Argentina	6.4	4.9	6.2	2.71	2.21	2.76	17.2	10.9	17.1
Brazil	11.6	12.1	12.6	1.44	1.67	1.55	16.6	20.1	19.5
Oceania									
Australia	4.7	4.5	4.6	1.51	1.36	1.43	7.1	6.1	6.4
Total above	267.6	267.4	268.1	2.49	2.43	2.39	665.6	650.8	663.1
Other countries & regions	79.4	77.1	78.6	1.04	1.00	1.02	82.4	77.1	79.8
World	347.0	344.5	346.7	2.16	2.11	2.08	748.0	727.9	742.9
World less United States	304.3	303.2	305.9	1.74	1.63	1.71	529.9	493.4	524.7
Major foreign ex- porters 2/	37.5	35.7	38.6	1.96	1.97	1.96	73.3	70.5	75.4

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, Thailand, and Brazil.

Rice area, yield, and production (rough basis): World and selected countries and regions 1/

Region/country	Area		Yield		Production			
	:	:	:	:	:	:	:	:
	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: July	: Aug.
	-----Million hectares-----		Metric tons per hectare		-----Million metric tons-----			
North America								
United States	1.2	1.2	1.3	5.14	4.92	6.0	6.4-7.1	6.6
Western Europe	.3	.3	.3	5.39	5.39	1.6	1.7	1.6
USSR	.6	.6	.6	4.00	4.00	2.1	2.4	2.4
Centrally Planned Asia								
PRC	36.0	35.2	35.6	3.99	4.04	137.0	144.0	144.0
South Asia								
Bangladesh	10.0	10.0	10.0	1.80	1.85	18.5	18.5	18.5
Burma	5.3	4.8	5.1	1.99	1.90	10.5	9.6	9.7
India	40.2	38.0	40.0	1.72	1.97	30.8	78.8	78.8
Pakistan	2.0	2.0	2.1	2.37	2.36	4.9	5.0	5.0
Near East and Other Asia								
Indonesia	8.9	8.8	9.0	2.98	3.02	25.8	26.8	27.2
Japan	2.5	2.5	2.4	5.99	5.86	15.7	13.9	13.9
South Korea	1.2	1.2	1.2	6.27	6.26	7.4	7.7	7.7
Thailand	8.6	8.7	8.7	1.78	1.89	17.5	16.5	16.5
Latin America & Caribbean								
Argentina	.1	.1	.1	2.60	3.15	.3	.3	.3
Brazil	5.4	6.2	6.4	1.57	1.50	7.6	9.6	9.6
Oceania								
Australia	.1	.1	.1	5.26	6.08	.7	.7	.7
Total above	122.5	119.9	122.9	2.70	2.79	336.4	342.3	342.6
Other countries & regions	20.9	21.4	22.0	2.31	2.34	48.0	51.3	51.3
World	143.4	141.3	144.9	2.64	2.72	384.4	393.7	393.9
World less United States	142.2	140.1	143.6	2.62	2.70	378.4	386.9	387.3
Major foreign exporters 2/	16.0	15.7	16.1	1.95	1.98	33.6	31.8	31.8

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production		
	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: 1980/81
	: proj.	: proj.	: proj.	: proj.	: 1979/80	: July	: Aug.
	-----	-----	Metric tons per hectare	-----	-----	Million metric tons	-----
North America							
Canada	0.28	0.28	1.81	2.38	2.16	0.52	0.67
United States	25.63	28.54	1.99	2.16	1.84	50.90	61.72
Eastern Europe	.36	.45	1.26	1.41	1.24	.45	.64
USSR	.82	.84	.78	.72	.76	.64	.60
Centrally Planned Asia							
PRC	7.30	7.30	1.14	1.14	1.18	8.30	8.30
South Asia							
India	.18	.24	.83	.83	.83	.15	.20
Latin America & Caribbean							
Argentina	1.60	1.75	2.31	1.89	2.10	3.70	3.30
Brazil	8.04	8.50	1.27	1.79	1.70	10.20	15.20
Paraguay	.36	.48	1.23	1.58	1.35	.45	.75
Total above	44.57	48.38	1.69	1.89	1.69	75.31	91.38
Other countries & regions	2.22	2.43	1.15	1.24	1.16	2.54	3.00
World	46.79	50.81	1.66	1.86	1.67	77.85	94.38
World less United States	21.16	22.27	1.27	1.47	1.46	26.95	32.66
Major foreign exporters 2/	10.00	10.72	1.44	1.80	1.75	14.35	19.25

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries								
	North America			Europe		USSR		Asia	
	: United States			: Western Europe		: Eastern Europe		: Centrally Planned	
	: Canada			: Europe		: USSR		: PRC	

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 95 percent of U.S. total.

---No production reported or less than 5,000 tons.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											:	:	:	:
Middle East			Latin America			Total for	Other	:	:	World	Major	:		
and			and			major	coun-	:	:	less	foreign	:		
Africa			Caribbean			regions	tries	World	United	ex-	:			
:	:	:	Argen-	:	Para-	and	and	:	:	States	porters	:		
Egypt	Senegal	Sudan	tina	Brazil	guay	countries	regions	:	:	:	2/	:		
---Million metric tons---												:		
.74	---	.24	.33	.91	.14	19.45	4.31	23.76	19.89	4.28	:	1		
.78	---	.24	.31	1.00	.18	21.57	4.02	25.59	20.35	4.09	:	2		
												:		
.74	---	.28	.35	1.07	.23	21.50	4.18	25.68	20.83	4.32	:	3		
.74	---	.26	.35	1.07	.23	21.34	4.16	25.50	20.95	4.30	:	4		
												:		
												:		
.03	1.05	.83	.67	.46	.02	13.69	4.68	18.38	16.57	9.40	:	5		
.03	.70	1.10	.27	.48	.02	13.30	4.99	18.28	16.48	8.55	:	6		
												:		
.03	.90	1.10	.40	.44	.02	14.06	5.23	19.29	17.45	9.14	:	7		
.03	.90	1.10	.40	.44	.02	13.89	5.02	18.91	17.23	9.14	:	8		
												:		
												:		
.01	---	---	1.43	---	---	11.58	1.22	12.81	10.97	3.39	:	9		
.01	---	---	1.60	---	---	14.06	1.32	15.39	11.89	3.87	:	10		
												:		
.01	---	---	1.50	---	---	13.50	1.47	14.97	12.47	3.74	:	11		
.01	---	---	1.50	---	---	12.83	1.48	14.30	12.10	3.58	:	12		
												:		
												:		
---	---	---	---	---	---	10.51	.28	10.79	10.79	3.50	:	13		
---	---	---	---	---	---	10.24	.32	10.57	10.57	3.56	:	14		
												:		
---	---	---	---	---	---	9.58	.31	9.89	9.89	1.80	:	15		
---	---	---	---	---	---	9.86	.33	10.18	10.18	2.00	:	16		

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production		
	:		:		:		
	:1978/79	:1979/80	:1978/79	:1979/80	:1978/79	:1979/80	:1980/81 proj.
	:1978/79 :1979/80 : proj.		:1978/79 :1979/80 : proj.		:1978/79 :1979/80 : July : Aug.		
	---Million hectares---		Kilograms per hectare		---Million 480-pound bales---		
North America							
United States	5.0	5.2	472	614	517	10.9	12.2-14.7
USSR	3.0	3.1	878	925	922	12.3	13.1
Centrally Planned Asia							
PRC	4.7	4.5	461	491	496	10.0	10.7
South Asia							
India	8.0	8.2	171	161	166	6.3	6.3
Pakistan	1.9	2.0	244	366	337	2.1	2.9
Middle East and Africa							
Egypt	.5	.5	878	961	847	2.0	2.1
Sudan	.4	.4	358	327	333	.6	.7
Turkey	.7	.6	728	780	726	2.2	2.2
Latin America & Caribbean							
Argentina	.6	.6	274	298	344	.8	.9
Brazil	2.0	2.0	296	287	306	2.7	2.8
Central America 2/	.4	.3	833	849	859	1.6	1.2
Mexico	.4	.4	964	860	889	1.5	1.5
Total above	27.5	27.8	419	458	442	52.9	56.6-59.1
Other countries & regions	4.6	4.5	342	344	335	7.2	7.5
World	32.1	32.3	408	442	426	60.1	64.1-66.6
World less United States	27.1	27.1	396	409	409	49.2	51.9
Major foreign exporters 3/	7.2	7.3	673	721	704	22.4	23.7

1/ Totals and averages based on unrounded data. 1979/80 estimates are preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF AUGUST WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between August Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity			Number of Years ^{2/}	
				Average	Smallest	Largest	Below Final	Above Final
		Million MT		(-----Million MT-----)				
<u>North America</u>								
Canada	16.8	3	11.3	2	1	4	4	2
United States	9.3	5	2.9	2	- 1/	4	2	3
<u>Western Europe</u>	7.6	4	5.6	3	-	5	4	2
<u>Eastern Europe</u>	11.9	4	7.4	2	1	4	4	2
<u>Oceania</u>								
Australia	20.2	2	27.5	3	1	6	4	2
<u>South Asia</u>								
India	9.1	2	5.2	2	-	3	4	2
Pakistan	6.5	1					N/A	N/A
<u>Centrally Planned Asia</u>								
China	9.5	4					N/A	N/A
<u>USSR</u>	16.6	16	15.9	15	-	24	3	3
<u>Middle East and Africa</u>								
South Africa	16.7	-					N/A	N/A
Turkey	9.3	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	22.5	2	17.7	2	-	2	3	3
Brazil	47.6	1					N/A	N/A
<u>Total Above</u>			9.0	27	1	51	2	4
<u>Others</u>	6.4	3	3.8	3	-	6	3	3
<u>World Total</u>	5.6	21	5.8	23	1	37	2	4
<u>World Less U.S.</u>	7.2	23	6.4	21	2	34	2	4
<u>Major Competitors ^{3/}</u>	8.0	3	15.4	5	-	9	3	3

1/ Less than 500,000 tons

2/ May not add up to 7 if August estimate was the same as final

3/ Includes Canada, Australia, and Argentina

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:July 29, 1980

31/AR9

COARSE GRAINS: RELIABILITY OF AUGUST WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between August Forecast & Final Estimate					
			Average Percent	Quantity			Number of Years 2/ Below : Above	
	Percent	: Quantity		Average:Smallest:Largest	Final : Final			
	Million MT		(-----Million MT-----)					
<u>North America</u>								
Canada	9.8	2	7.6	2	- 1/	3	3	2
United States	9.3	17	10.2	21	3 -	45	3	3
<u>Western Europe</u>	6.7	6	5.1	4	1	10	4	2
<u>Eastern Europe</u>	4.9	3	3.5	2	1	4	4	2
<u>Oceania</u>								
Australia	19.2	1	17.3	1	-	2	3	3
<u>South Asia</u>								
India	9.6	3					N/A	N/A
<u>Centrally Planned Asia</u>								
China	4.1	3					N/A	N/A
<u>Near East & Other Asia</u>								
Thailand	19.2	-	7.1	-	-	1	1	2
<u>USSR</u>	18.2	16	11.1	10	3	24	3	3
<u>Middle East and Africa</u>								
South Africa	27.3	2	12.4	1	-	3	4	2
Turkey	15.2	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	20.0	3	18.7	3	1	5	3	3
Brazil	10.2	2	12.6	3	1	5	3	3
<u>Total Above</u>			5.6	28	6	53	4	2
<u>Others</u>	4.6	4	1.4	3	-	5	4	1
<u>World Total</u>	3.5	23	4.3	28	1	52	3	3
<u>World Less U.S.</u>	4.0	19	2.7	12	5	26	2	4
<u>Major Competitors 3/</u>	5.8	4	4.5	3	2	5	2	5

1/ Less than 500,000 tons

2/ May not add to 7 if August estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:July 28, 1980

31/AR8

Cotton, rice (rough), and oilseeds production: 1980/81 trend projections and standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	--Mil. bales--			---Mil. MT---			---Mil. MT---		
North America :									
Canada :	---	---	---	---	---	---	2.9 <u>2/</u>	.8	27.6
U.S. <u>3/</u> :	12.8	1.0	8.0	6.6	.3	4.1	51.2	2.6	5.0
Western Europe:	---	---	---	1.6	.1	6.7	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR :	13.2	.4	3.0	2.5	.1	7.7	5.4 <u>4/</u>	.8	14.8
Centrally :									
Planned Asia:									
PRC :	10.2	.9	8.8	143.4	3.2	3.0	---	---	---
South Asia :									
Bangladesh :	---	---	---	18.8	1.1	6.6	---	---	---
Burma :	---	---	---	9.7	.6	7.2	---	---	---
India :	6.1	.5	8.2	74.9	5.8	9.4	6.1 <u>5/</u>	.8	13.1
Pakistan :	2.4	.5	20.8	4.9	.2	6.4	---	---	---
Near East & :									
Other Asia :									
Indonesia :	---	---	---	26.1	1.1	5.7	---	---	---
Japan :	---	---	---	15.1	1.1	7.0	---	---	---
South Korea :	---	---	---	7.6	.5	8.6	---	---	---
Thailand :	---	---	---	16.6	.8	6.0	---	---	---
Middle East :									
and Africa :									
Egypt :	1.8	.2	11.1	---	---	---	---	---	---
Senegal :	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa :	---	---	---	---	---	---	---	---	---
Sudan :	.5	.2	40.0	---	---	---	---	---	---
Turkey :	2.4	.3	12.5	---	---	---	---	---	---
Latin America :									
& Caribbean :									
Argentina :	1.0	.1	10.0	.4	.1	16.7	---	---	---
Brazil :	2.4	.4	16.7	8.5	.8	11.6	15.5 <u>6/</u>	1.7	11.0
Mexico :	1.4	.4	28.6	---	---	---	---	---	---
Oceania :									
Australia :	---	---	---	.6	.1	20.0	---	---	---
Foreign :	50.3	2.7	5.4	379.1	8.7	2.9	---	---	---
World :	63.3	4.2	6.6	385.1	8.7	2.8	17.0	8.5	5.0 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1970/71-1979/80 for cotton and oilseeds and 1960/61-1979/80 for rice. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1980/81 production will total within 0.4 million bales or 3.0 percent of the trend projection of 13.2 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.

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